

Title (en)

Door opening device mounted on a food storage apparatus such as a refrigerator

Title (de)

Türöffnungsvorrichtung an einem Lebensmittellagerungsgerät wie Kühlschrank

Title (fr)

Dispositif d'ouverture de portes monté sur un appareil de stockage d'aliments tel qu'un réfrigérateur

Publication

EP 1077354 A2 20010221 (EN)

Application

EP 00105949 A 20000323

Priority

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- JP 26030599 A 19990914

Abstract (en)

A door opening device for a food storage apparatus such as a household refrigerator includes a generally cylindrical coil unit (12) mounted on a body (1) of the storage apparatus and having an axially extending through hole (105), a plunger (14) mounted in the hole (105) of the coil unit (12) so as to be axially moved with respect to the coil unit (12), the plunger (14) being moved in a direction when the coil unit (12) is energized, and a pushing member (15) mounted on one axial end of the plunger (14) so as to be moved with the plunger (14), the pushing member (15) pushing the door (2a) in an opening direction against a sticking force of the magnet gasket (2b) when moved in the one direction with the plunger (14). <IMAGE>

IPC 1-7

F25D 23/02; E05F 15/18

IPC 8 full level

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CPC (source: EP KR US)

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